

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Washington, D.C. 20231  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>	ATTY. DOCKET NO.	SERIAL NO.
	PM-8935-A	09/932,888
	Applicant	Confirmation No.
	Bidwell, et al.	7993
	Filing Date	Group Art Unit
	August 20, 2001	1647



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## U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Issue Date	Patentee	U.S. Class	Sub-Class	Filing Date
CS	A1	5362629	11/08/94	Schreiber et al.	435	2	08/05/91
	A2	5268295	12/07/93	Serrero	435	252.3	05/31/91
	A3	5089397	02/18/92	Kushner et al.	435	69.1	06/14/89
	A4	4683202	07/28/87	Mullis	435	9	10/25/85
	A5	4683194	07/28/87	Saiki et al.	435	6	03/28/85
	A6	4582789	04/15/86	Sheldon, III et al.	435	6	12/18/84
	A7	4582788	04/15/86	Erlich	435	6	01/07/83
	A8	4581333	04/08/86	Kourilsky et al.	435	6	04/29/82
	A9	4563417	01/07/86	Albarella et al.	435	6	12/24/84
	A10	4446237	05/01/84	Berninger	436	504	03/27/81
	A11	4377576	03/22/83	Schmidt et al.	424	244	07/13/81
	A12	4376110	03/08/83	David et al.	436	513	08/04/80
	A13	4358535	11/09/82	Falkow et al.	435	5	12/08/80
CS	A14	4237224	12/02/80	Cohen et al.	435	68	01/04/79

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CS	A15	3695891	10/03/72	Fox	99	98	04/06/70
1	A16	3619200	11/09/71	Ferguson et al.	99	2	06/20/67
CS	A17	3507662	04/21/70	Leroy et al.	99	2	02/03/66

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner Initial		Document Number	Publication Date	Country	Int'l Class	Sub-Class	Translation (Yes/No)
CS	B1	WO 97/02004	01/23/97	WIPO			NA
1	B2	WO 93/16183	08/19/93	WIPO	C12	N15/12	NA
	B3	WO 93/03050	02/18/93	WIPO	C07	H15/12	NA
	B4	GB 2 292 382 A	02/21/96	United Kingdom			NA
	B5	258017	03/02/88	EPO	C12	N15/00	NA
	B6	237362	09/16/87	EPO	C12	Q1/68	NA
	B7	201184	12/17/86	EPO	C12	P19/34	NA
CS	B8	144914	06/19/85	EPO	C12	Q1/68	NA

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CS	B9	119448	09/26/84	EPO	C07	H21/00	NA
I	B10	084796	08/03/83	EPO	C12	N15/00	NA
I	B11	050424	04/28/82	EPO	G01	N33/54	NA
CS	B12	0 743 321 A2	11/20/96	EPO	C07K	14/00	NA

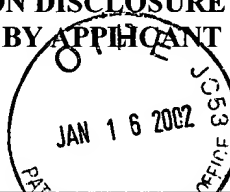
**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

Examiner Initial		Non-Patent Document
CS	C1	Leroy, Pascale, et al., "Expression of Ob Gene in Adipose Cells", <u>The Journal of Biological Chemistry</u> , Vol. 271, No. 5, Issue of February 2, pp. 2365-2368, 1996
	C2	Saladin, Regis, et al., "Transient Increase in Obese Gene Expression After Food Intake or Insulin Administration", <u>Nature</u> , Vol. 377, pp. 527-529, October 12, 1995.
	C3	Campfield, L. Arthur, et al., "Recombinant Mouse Ob Protein: Evidence For a Peripheral Signal Linking Adiposity and Central Neural Networks", <u>Science</u> , Vol. 269, pp. 546-549, July 28, 1995.
	C4	Halaas, Jeffery L., et al., "Weight-reducing Affects of the Plasma Protein Encoded by the Obese Gene", <u>Science</u> , Vol. 269, pp. 543-546, July 28, 1995.
CS	C5	Pelleymounter, Mary Ann, et al., "Effects of the Obese Gene Product on Body Weight Regulation in Ob/Ob Mice", <u>Science</u> , Vol. 269, pp. 540-543, July 28, 1995.

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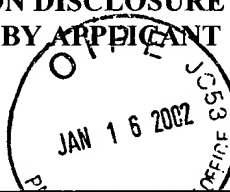
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CA	C6	Maffei, Margherita, et al., "Increased Expression in Adipocytes of Ob RNA in Mice with Lesions of the Hypothalamus and with Mutations at the DB Locus", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 92, pp. 6957-6960, July 1995.
	C7	Zhang, Yiyang, et al., "Positional Cloning of the Mouse Obese Gene and its Human Homologue", <u>Nature</u> , Vol. 372, pp. 425-432, December 1, 1994.
	C8	Better, Marc, et al., "Escherichia Coli Secretion of an Active Chimeric Antibody Fragment", <u>Science</u> , Vol. 240, May 20, 1988.
	C9	Liu, Alvin Y. et al., "Chimeric Mouse-human IgG1 Antibody that can Mediate Lysis of Cancer Cells", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 84, pp. 3439-3443, May 1987.
	C10	Chomczynski, Piotr, & Sacchi, Nicoletta, "Single-step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction", <u>Analytical Biochemistry</u> , 162, 156-159(1987).
	C11	Boulianne, Gabrielle L., et al., "Production of Functional Chimaeric Mouse/Human Antibody", <u>Nature</u> , Vol. 312, December 13, 1984.
	C12	Morrison, Sherie L., et al., "Chimeric Human Antibody Molecules: Mouse Antigen-binding Domains with Human Constant Region Domains", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 81, pp. 6851-6855, November 1984.
	C13	Cabilly, Shmuel, et al., "Generation of Antibody Activity From Immunoglobulin Polypeptide Chains Produced in Escherichia Coli", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 81, pp. 3273-3277, June 1984.
	C14	Wahl, Richard L., "Improved Radioimaging and Tumor Localization with Monoclonal F(ab') <sub>2</sub> ", <u>J. Nucl. Med.</u> 24:316-325, 1983.
CA	C15	De St. Groth, S. Fazekas, & Scheidegger, Doris, "Production of Monoclonal Antibodies: Strategy and Tactics", <u>Journal of Immunological Methods</u> , 35 (1980) 1-21.

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CA	C16	Kohler, G. & Milstein, C., "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity", <u>Nature</u> , Vol. 256, pp. 495-497 August 7, 1975
	C17	Andersson, "Genes and Obesity", <u>Annals of Medicine</u> , Vol. 28, No. 1, pp. 5-7, February, 1996
	C18	Sasaki, et al., "Assignment of the porcine obese (leptin) gene to Chromosome 18 by linkage analysis of a new PCR-based polymorphism", <u>Mammalian Genome</u> , Vol. 7, No. 6, pp. 471-472, June, 1996
	C19	Neuenschwander, S., et al., "Partial characterization of porcine obesity gene (OBS) and its localization to chromosome 18 by somatic cell hybrids", <u>Animal Genetics</u> , Vol. 27, pp. 275-278, August, 1996
	C20	Chen, et al., "Ob Gene Expression During Porcine Preadipocyte Differentiation in Vitro", <u>Depts. Of Foods and Nutrition and of Animal and Dairy Science</u> , Vol. 10, No. 3, abstract 1075, page A186, March 8, 1996
	C21	Yen, X., et al., "Porcine Leptin Sequence and Expression in Lean and Obese Pigs", <u>Depts. Of Foods and Nutrition and of Animal and Dairy Science</u> , Vol. 11, No. 3, abstract 2406, page A415, February 28, 1997
	C22	Uhlmann, Eugen et al., "Antisense Oligonucleotides, Structure and Function of", <u>Molecular Biology and Biotechnology</u> , pp. 38-45, 1995
	C23	Wu, Ray et al., "Synthetic Oligodeoxynucleotides for Analyses of DNA Structure and Function", <u>Progress in Nucleic Acid Research and Molecular Biology</u> , pp 101-141, Vol. 21, 1978
	C24	Mullis, K. et al., "Specific Enzymatic Amplification of DNA In Vitro: The Polymerase Chain Reaction", <u>Cold Spring Harbor Symposia on Quantitative Biology</u> , pp. 263-273, Vol. LI, 1986
CA	C25	Neuberger, M.S., et al., "A hapten-specific chimaeric IgE antibody with human physiological effector function", <u>Nature</u> , pp. 268-270, Vol. 314, 1985

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<i>JA</i>	C26	Chirgwin, John M., et al., "Isolation of Biologically Active Ribonucleic Acid from Sources Enriched in Ribonuclease", <u>Biochemistry</u> , pp. 5294-5299, Vol. 18, No. 24, 1979
<i>AK</i>	C27	Skerra, Arne, "Use of the tetracycline promoter for the tightly regulated production of a murine antibody fragment in <i>Escherichia coli</i> ", <u>Gene</u> , pp. 131-135, Vol 151, 1994

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